

STEMillions⁺

Anne Pacros

First released Spring Term 2019

YouTube



Meal Plan
#065
30 mins

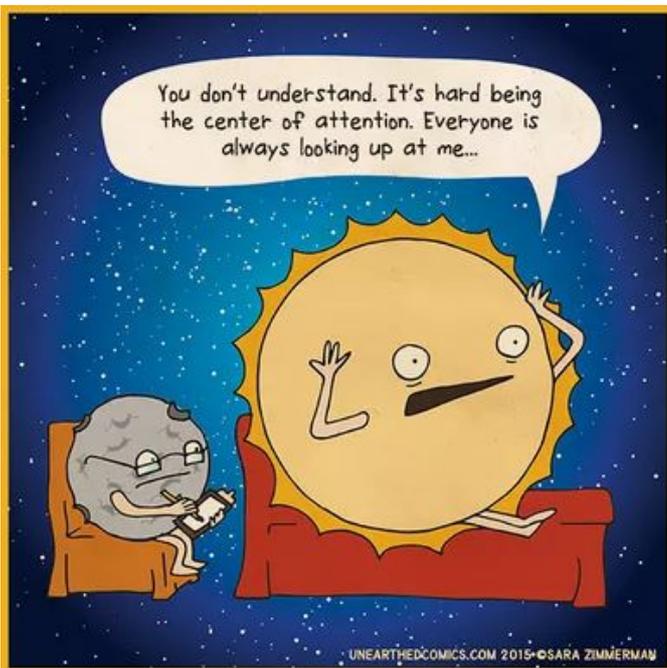
Starters 5-10 mins

Snack, Cackle & Pop..... 2 mins

Snack: grab a snack before you begin!

Cackle:

[Pinterest](#)



Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Meet Her..... 5 mins

Anne Pacros is a Mission and Payload Manager on the Solar Orbiter mission. The Solar Orbiter is a Sun-observing satellite designed by the ESA. Anne is responsible for the scientific equipment onboard the Solar Orbiter.

Watch: [Meet Anne in this video](#)

Discuss:

- ★ What do you think of Anne's job?
- ★ How far away is the sun?
- ★ What is the Solar Orbiter designed to do?

Mains 20 mins - choose ONE only

MAKE..... 20 mins

You will need: an egg, paper straws, plastic bag, string.

Anne's job requires her to safeguard all the equipment onboard the Solar Orbiter. In this experiment you will have to safeguard an egg as it lands on Earth. You will need an egg, you will have to engineer a spacecraft that will land your egg in one piece. After you've made your spacecraft, you will test your eggs by launching them into 'space' by throwing them and seeing who had designed the perfect spacecraft for their egg.

EXPLORE..... 20 mins

You will need: colouring pens and paper.

Anne works on the Solar Orbiter satellite which will observe the sun. You will design your own satellite. Create a poster to explain how your satellite will work. Think about:

- ★ How long will it be in space?
- ★ What will your satellite observe?
- ★ What equipment will it need to be successful?
- ★ Will people live on it?

Take a photo of your creations and send it to team@stemettes.org

Desserts 5 min

Share with us 1 min

Upload photos on [Twitter](#) or [Instagram](#) and tag @Stemettes and #Stemillions.

Ask Them..... 2 mins

Got a question? Ask Away! bit.ly/Ask-Away

Digest..... 2 mins

Digest this Meal Plan - [complete this form.](#)